

SEQUENCE LISTING

10> EMERSON, Beverly M.
KADAM, Shilpa B.

<120> METHODS OF MODULATING GENE EXPRESSION

<130> 532792000300

<140> US 10/783,672

<141> 2004-02-20

<150> US 60/450,771

<151> 2003-02-26

<160> 3

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 20

<212> PRT

<213> Homo sapiens

$\langle 220 \rangle$

<221> ZN_FING

 $\langle 222 \rangle \quad 1, \bar{9}$

<223> Xaa = tyrosine or phenylalanine

<221> ZN_FING

<222> 2, 6-8, 10-14, 16-17

<223> Xaa = any amino acid

<221> ZN_FING

<222> 4

<223> Xaa = any amino acid may be present 2-4 times

<221> ZN_FING

<222> 19

<223> Xaa = any amino acid may be present 3-4 times

<400> 1

Xaa Xaa Cys Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Xaa

1 5

Xaa His Xaa His

20

 $\langle 210 \rangle \quad 2$

<211> 42

<212> PRT

<213> Homo sapiens

<220>

<221> ZN FING

<222> 2-3, 5-17, 19-20, 24-28, 30-38, 40-41

<223> Xaa = any amino acid

<221> ZN FING

$\langle 222 \rangle$ 22

<223> Xaa = any amino acid may be present 14-15 times

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 1 5 10 15
 Xaa Cys Xaa Xaa Cys Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa
 20 25 30
 Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Cys
 35 40

<210> 3
 <211> 33
 <212> PRT
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<220>
 <221> DNA_BIND
 <222> 3-6, 13-14, 21, 29, 31
 <223> Xaa = any amino acid

<400> 3
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 1 5 10 15
 Gln Ser Ala Gln Xaa Arg Lys Thr Ala Glu Asn Gln Xaa Arg Xaa Arg
 20 25 30
 Lys